

#4

PATENTS  
jc917 U.S. PTO  
09/663664



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** David M. Chess,  
et al.

**Examiner:** Unassigned

**Serial No.:** Unassigned

**Art Unit:** Unassigned

**Filed:** Herewith

**Docket:** 13807(YOR920000457US1

**For:** USING RUSTED CO-SERVERS  
TO ENHANCE SECURITY OF  
WEB INTERACTION

**Dated:** September 15, 2000

Assistant Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98,  
it is requested that the following references, which are also  
listed on the attached Form PTO-1449, be made of record in the  
above-identified case.

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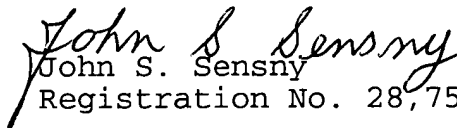
Janet Giordano  
Janet Giordano

1. U.S. Patent No. 4,817,140 issued March 28, 1989, to Chandra, et al.;
2. "IBM 4758 Models 1 and 13 PCI Cryptographic Coprocessor", IBM Product Brochure G221-9091, (1999);
3. "IBM Coprocessor First to Earn Highest Security Validation", Press release, IBM Corporation, December 1998;
4. Palmer, E., "An Introduction to Citade-A Secure Crypto Coprocessor for Workstations", Research Report, RC 18373, IBM T.J. Watson Research Center, 1992;
5. Weingart, S.H., "Physical Security for the  $\mu$ ABYSS System", IEEE Security and Privacy, Oakland, 1987;
6. White, S.R., et al., "ABYSS: A Trusted Architecture for Software Protection", IEEE Security and Privacy, Oakland, 1987;
7. White, S.R., et al., "Introduction to the Citadel Architecture: Security in Physically Exposed Environments", Research Report RC 16672, IBM T.J. Watson Research Center, 1991;
8. Smith, S., et al., "Building a high-performance, programmable secure coprocessor", Reprinted from Computer Networks, The International Journal of Computer and Telecommunications Networking, Secure Systems and Smart Cards, IBM T.J. Watson Research Center, Computer Networks 31, (1999) pp. 831-860;
9. Smith, S., et al., "Practical Private Information Retrieval with Secure Coprocessors", IBM T.J. Watson Research Center, May 23, 2000, pp. 1-11; and
10. Wilhelm, U., et al., "Introducing Trusted Third Parties to the Mobile Agent Paradigm", Laboratoire de Systemes d'Exploitation, Institut pour les Communications informatiques et leurs Applications Ecole Polytechnique Federale de Lausanne, 1015 Lausanne, Switzerland.

Applicant is submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no petition, certification or fee is required.

Respectfully submitted,

  
John S. Sensny  
Registration No. 28,757

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Docket No.

**13807(YOR920000457US1)**

Serial No.

Unassigned

Filing Date

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Examiner

Unassigned

Group Art Unit

Unassigned

Invention: **USING TRUSTED CO-SERVERS TO ENHANCE SECURITY OF WEB INTERACTION**

I hereby certify that the following correspondence:

**New Utility Patent Application***(Identify type of correspondence)*

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**INFORMATION DISCLOSURE CITATION**  
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Docket Number (Optional)

13807 (YOR9200007US1)

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#4

Applicant(s)

David M. Chess, et al.

Filing Date

Herewith

Group Art Unit

Unassigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,817,140	03/28/89	Chandra, et al.			

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09/15/00

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		"IBM 4758 Models 1 and 13 PCI Cryptographic Coprocessor", IBM Product Brochure G221-9091, (1999)
		"IBM Coprocessor First to Earn Highest Security Validation", Press release, IBM Corporation, December 1998

EXAMINER

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# INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

13807(YOR9200 67US1)

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Group Art Unit

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Palmer, E., "An Introduction to Citade-A Secure Crypto Coprocessor for Workstations", Research Report, RC 18373, IBM T.J. Watson Research Center, 1992

Weingart, S.H., "Physical Security for the ABYSS System", IEEE Security and Privacy, Oakland, 1987

White, S.R., et al., "ABYSS: A Trusted Architecture for Software Protection", IEEE Security and Privacy, Oakland, 1987

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Smith, S., et al., "Practical Private Information Retrieval with Secure Coprocessors", IBM T.J. Watson Research Center, May 23, 2000, pp. 1-11

Wilhelm, U., et al., "Introducing Trusted Third Parties to the Mobile Agent Paradigm", Laboratoire de Systemes d'Exploitation, Institut pour les Communications informatiques et leurs Applications Ecole Polytechnique Federale de Lausanne, 1015 Lausanne, Switzerland

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